SEQUENCE LISTING

<110> Ruan, Yijun
Ng, Patrick
Wei, Chialin

<120> Gene identification signature (GIS) analysis

<130> FP2027

<160> 18

<170> PatentIn version 3.2

<210> 1
<211> 33
<212> DNA
<213> artificial

<220>
<223> GsuI-oligo dT primer

<220>
<221> misc_feature
<222> (32)..(32)
<223> nucleotide v is

<220>
<221> misc_feature
<222> (32)..(32)
<223> nucleotide v is g, c or a

<220>
<221> misc_feature
<222> (33)..(33)
<223> n is a, c, g, or t

<400> 1
gagctccttc tggagttttt ttttttttttt tvn   33

<210> 2
<211> 30
<212> DNA
<213> artificial

<220>
<223> NotI/BamHI/MmeI(N)6 primer linker (top):

<220>
<221> misc_feature
<222> (25)..(30)
<223> n is a, c, g, or t

<400> 2
aattcgcggc cgcttggatc cgacnnnnnn   30

<210> 3
<211> 20
<212> DNA
<213> artificial

<220>
<223> NotI/BamHI/MmeI(N) primer linker (bottom):

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<400>  3
gtcggatcca agcggccgcg                                                    20


<210>  4
<211>  30
<212>  DNA
<213>  artificial

<220>
<223>  NotI/BamHI/MmeI(N)5 primer linker (top):


<220>
<221>  misc_feature
<222>  (26)..(30)
<223>  n is a, c, g, or t

<400>  4
aattcgcggc cgcttggatc cgacgnnnnn                                         30


<210>  5
<211>  19
<212>  DNA
<213>  artificial


<220>
<223>  MmeI/BamHI/SalI adapter (top):

<400>  5
tcgacccagg atccaactt                                                     19


<210>  6
<211>  13
<212>  DNA
<213>  artificial

<220>
<223>  MmeI/BamHI/SalI adapter (bottom):

<400>  6
gttggatcct ggg                                                           13


<210>  7
<211>  17
<212>  DNA
<213>  artificial

<220>
<223>  primer PMR003

<400>  7
gtaaaacgac ggccagt                                                       17


<210>  8
<211>  19
<212>  DNA
<213>  artificial

<220>
<223>  primer PMR004

<400>  8
ggaaacagct atgaccatg                                                     19
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<210> 9
<211> 20
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<220>
<223> primer PMR006

<400> 9
taatacgact cactataggg   20

<210> 10
<211> 22
<212> DNA
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<220>
<223> primer PMR011

<400> 10
gatgtgctgc aaggcgatta ag   22

<210> 11
<211> 23
<212> DNA
<213> artificial

<220>
<223> primer PMR012

<400> 11
agcggataac aatttcacac agg   23

<210> 12
<211> 48
<212> DNA
<213> artificial

<220>
<223> top strand of a generic 50bp cohesive ditag

<220>
<221> misc_feature
<222> (9)..(42)
<223> n is a, c, g, or t

<400> 12
gatccgacnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnaagttg   48

<210> 13
<211> 48
<212> DNA
<213> artificial

<220>
<223> bottom strand of a generic 50bp cohesive ditag

<220>
<221> misc_feature
<222> (5)..(38)

<223> n is a, c, g, or t

<400> 13
gctgnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntt caacctag   48

<210> 14
<211> 29
<212> DNA
<213> artificial

<220>
<223> primer Mme_mut1 used for the construction of vector pGIS1

<400> 14
cgctctcctg taccgaccct gccgcttac   29

<210> 15
<211> 29
<212> DNA
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<220>
<223> primer Mme_mut2 used for the construction of vector pGIS1

<400> 15
aactatcgtc ttgagaccaa cccggtaag   29

<210> 16
<211> 24
<212> DNA
<213> artificial

<220>
<223> top strand of ds-DNA adapter

<400> 16
aattctcgag cggccgcgat atcg   24

<210> 17
<211> 24
<212> DNA
<213> artificial

<220>
<223> bottom strand of ds-DNA adapter

<400> 17
gagctcgccg gcgctatagc ttaa   24

<210> 18
<211> 3404
<212> DNA
<213> artificial

<220>
<223> sequence of pGIS1

<220>
<221> misc_feature
<222> (15)..(704)
<223> region from 15 to 704 represents the stuffer fragment, comprising
       MmeI and BamHI, that is removed during cloning

<400> 18
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gggcgaattc tcgagcggcc gcggatccga cgagagcgcc tgcgtacggc tcgccgcggt      60

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gaggcaacgg aagggcgggg cgcctcgtga ttaggccgcg gaggtcacag gctctgttgt     180

catgaaggtg aaaattaaat gttggaatgg tgtggccact tggctctggg tagccaatga     240

tgagaactgc ggcatctgca ggatggcgtt taatggctgc tgtccagact gtaaggtgcc     300

tggtgatgac tgccccctcg tgtggggaca gtgctcccac tgcttccaca tgcactgcat     360

cctcaagtgg ctgaatgcgc agcaggtgca gcagcactgc cccatgtgtc gccaggagtg     420

gaagttcaaa gagtgaagcc cgtgccgtgc cacttccctc tcctgtgctg tgccaggctc     480

agccccttcc ctccctcccc tcccccagat acagcacccc aagtcccctc cacacagcac     540

agtggtgccc agagatctcg gtctgtgccg gggacaagga tgctttctgt ttggctggga     600

caaggttgaa aggagctttg ctgactgttt tgttttccca tcacattgac actttattca     660

ataagtaaaa ctcattacag ttccaagtcg gatcctgggt cgacctgcag gcatgcaagc     720

ttgagtattc tatagtgtca cctaaatagc ttggcgtaat catggtcata gctgtttcct     780

gtgtgaaatt gttatccgct cacaattcca cacaacatac gagccggaag cataaagtgt     840

aaagcctggg gtgcctaatg agtgagctaa ctcacattaa ttgcgttgcg ctcactgccc     900

gctttccagt cgggaaacct gtcgtgccag ctgcattaat gaatcggcca acgcgcgggg     960

agaggcggtt tgcgtattgg gcgctcttcc gcttcctcgc tcactgactc gctgcgctcg    1020

gtcgttcggc tgcggcgagc ggtatcagct cactcaaagg cggtaatacg gttatccaca    1080

gaatcagggg ataacgcagg aaagaacatg tgagcaaaag gccagcaaaa ggccaggaac    1140

cgtaaaaagg ccgcgttgct ggcgtttttc gataggctcc gcccccctga cgagcatcac    1200

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cccgaccgct gcgccttatc cggtaactat cgtcttgaga ccaacccggt aagacacgac    1500

ttatcgccac tggcagcagc cactggtaac aggattagca gagcgaggta tgtaggcggt    1560

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aaaaaaggat ctcaagaaga tcctttgatc ttttctacgg ggtctgacgc tcagtggaac    1800

gaaaactcac gttaagggat tttggtcatg agattatcaa aaaggatctt cacctagatc    1860

cttttaaatt aaaaatgaag ttttaaatca atctaaagta tatatgagta aacttggtct    1920

gacagttacc aatgcttaat cagtgaggca cctatctcag cgatctgtct atttcgttca    1980
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tccatagttg  cctgactccc  cgtcgtgtag  ataactacga  tacgggaggg  cttaccatct  2040

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ataaaccagc  cagccggaag  ggccgagcgc  agaagtggtc  ctgcaacttt  atccgcctcc  2160

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cagggttatt  gtctcatgag  cggatacata  tttgaatgta  tttagaaaaa  taaacaaata  2880

ggggttccgc  gcacatttcc  ccgaaaagtg  ccacctgacg  tctaagaaac  cattattatc  2940

atgacattaa  cctataaaaa  taggcgtatc  acgaggccct  ttcgtctcgc  gcgtttcggt  3000

gatgacggtg  aaaacctctg  acacatgcag  ctcccggaga  cggtcacagc  ttgtctgtaa  3060

gcggatgccg  ggagcagaca  agcccgtcag  ggcgcgtcag  cgggtgttgg  cgggtgtcgg  3120

ggctggctta  actatgcggc  atcagagcag  attgtactga  gagtgcacca  tatgcggtgt  3180

gaaataccgc  acagatgcgt  aaggagaaaa  taccgcatca  ggcgccattc  gccattcagg  3240

ctgcgcaact  gttgggaagg  gcgatcggtg  cgggcctctt  cgctattacg  ccagctggcg  3300

aaaggggggat  gtgctgcaag  gcgattaagt  tgggtaacgc  cagggttttc  ccagtcacga  3360

cgttgtaaaa  cgacggccag  tgaattgtaa  tacgactcac  tata                    3404
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